

CLAIMS

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1. A device for extinguishing fires, with extinguishing nozzles (10,11,12,14,18,21) arranged in areas of a structure, in particular of a building or a ship, said nozzles being in each case connected to a connection end (7a,8a,9a,17a,24a) of a supply line (6,16,7,8,9,17,19,24) filled with extinguishing fluid, said supply line connecting the nozzles (10,11,12,14,18,21) to a extinguishing fluid supply device (2), which in the event of fire imposes extinguishing fluid under pressure onto the supply line (6,16,7,8,9,17,19,24), characterised in that a bursting disk (33) is arranged in the area of the connection end (7a,8a,9a,17a,24a) of the supply line (6,16,7,8,9,17,19,24), said bursting disk bursting when a predetermined bursting pressure of the extinguishing fluid in the supply line (6,16,7,8,9,17,19,24) is reached, with the result that extinguishing fluid flows unimpeded into the extinguishing nozzle (10,11,12,14,18,21), and that the supply line (6,16,7,8,9,17,19,24) in the state of rest of the device (1) is filled with extinguishing fluid at a pressure at rest which is lower than the bursting pressure.

2. The device according to Claim 1, characterised in that the extinguishing nozzles (10,11,12,14,18,21) feature nozzle inserts (25) which generate an extinguishing mist.

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3. The device according to Claim 1 or 2, characterised in that the pressure at rest is equal to the ambient pressure.

4. The device according to Claim 1 or 2, characterised in that the pressure at rest is greater than the ambient pressure, and the supply line (6,16,7,8,9,17,19,24) features a pressure sensor.

5. The device according to one of the preceding claims, characterised in that several extinguishing nozzles (10,11,12,14,18,21) are connected to the connection end (7a,8a,9a,17a,24a) of the supply line (6,16,7,8,9,17,19,24) by means of a branching element (15,23).

6. The device according to Claim 5, characterised in that the extinguishing nozzles (10,11,12,14,18,21) are in each case connected via an intermediate line (22) to the branching element (23).